

Technical data sheet

ASA

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|-----------|---|
| Use | It is a material for the FDM (FFF) 3D printing additive technology. |
| Material | Acrylonitril styren acrylate, petroleum product |
| Diameter | 1,75 mm |
| Tolerance | ± 0,05 mm |
| Weight | 0,75 kg netto ± 5 % / 0,9 kg brutto ± 5 % |
| Packing | Spool in Vacuum ZIP bag, inserting to paper box, all in LDPE foil. |
| Colour | See www.filament-pm.com |
| Solvents | Aceton |

Printing Properties

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|----------------------|---|
| Temperature HE | 240 – 260 °C |
| Temperature HB | 100 – 110 °C |
| Surface bed | Kapton, Ultem, PET foil, commons for FDM printing |
| Cooling print object | Max 30% |
| Nozzle | All diameters |
| Printer space | Open / Close |

Material Properties

| | | | |
|------------|-----------------------------|------------|------------------------|
| Thermal | Vicat softening temperature | IISO 306 | 96 °C |
| | Heat deflection temperature | ISO 75 | 87 °C |
| Mechanical | Impact strength | ISO 179 | 12 kJ/m ² |
| | Flexural modulus | ISO 178 | 1 800 MPa |
| Physical | Density | ISO 1183/B | 1,07 g/cm ³ |
| | Melt Flow Index | ISO 1133 | 20 g/10 min |



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